

Title (en)
DUST EXTRACTOR

Title (de)
STAUBABZIEHVORRICHTUNG

Title (fr)
EXTRACTEUR DE FUMÉE

Publication
EP 3461596 A1 20190403 (EN)

Application
EP 18190166 A 20180822

Priority
• GB 201714857 A 20170915
• GB 201715360 A 20170922

Abstract (en)
A dust extractor comprising a main housing (22); a telescopic tubular extension arm (28, 30) comprising a first forward section (28) which is capable of sliding into or out a second rear section (30) between a first inner position and a second outer position, the second rear section(30) being mounted onto the main housing (22); a shroud (32) mounted on one end of the first forward section which is remote from the second rear section (30); a biasing force which urges first forward section (28) to slide out of the second rear section (30) towards its second outer position; and a dust collection box mounted on main housing; characterised in that the stroke length 508 of the telescopic extension arm (28, 30) is greater than 150mm, and preferably greater than 170 mm, and preferably greater 175 mm and ideally 177mm or greater. The dust extractor can have a suction force which is experienced through the telescopic extension arm 28, 30 and/or shroud 32 which is preferably greater than 1.5MPa (Megapascal), and preferably greater than 1.8MPa and is preferably is equal to or greater than 2.0MPa.

IPC 8 full level
B25F 5/02 (2006.01); **B23Q 11/00** (2006.01)

CPC (source: EP US)
B23Q 11/0046 (2013.01 - EP US); **B23Q 11/0071** (2013.01 - US); **B25D 16/00** (2013.01 - US); **B25D 17/20** (2013.01 - US); **B25F 5/02** (2013.01 - EP US); **B25D 16/006** (2013.01 - US); **B25D 17/24** (2013.01 - US); **B25D 2216/0084** (2013.01 - US); **B25D 2217/0057** (2013.01 - US); **B25D 2250/265** (2013.01 - US)

Citation (applicant)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
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